

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/JP2004/10271

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl' G11B 5/66, 5/85

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl' G11B 5/66, 5/85

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Japanese Gazette Containing the Utility Model 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y1	JP 2003-123245 A (SHOWA DENKO K.K.) 25 Apr 2003(25.04.03) claim 1,6,9, paragraph 15, whole document & US 2003-170500 A1	1-16
Y1	JP 2003-36525 A (FUJI DENKI K.K.) 7 Feb 2003(07.02.03) claim 1,4,5,7, paragraph 23,31, whole document (no families)	1-16
Y2	JP 2001-291230 A (SONY K.K.) 19 Oct 2001(19.10.01), claim 1,9,10, whole document & US 2001-36564 A1	1-16
EX	JP 2004-220737 A (FUJI DENKI DEVICE TECHNOLOGY K.K.), 5 Aug 2004(05.08.04), claim 1,3, whole document (no families)	1-16

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&amp;" document member of the same patent family

Date of the actual completion of the international search

23.08.2004

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